

ABSTRACT

A method (and corresponding equipment) for determining either a downlink delay in communicating packets via a packet-conveying network from a sender (11) to a receiver (12) or the corresponding uplink delay, or both, but separately from each other, the method including: steps (21 22 23 24) in which the sender (11) and receiver (12) exchange a first and second pair of packets (14a-b 15a-b) consisting of respective first and second uplink packets (14a 15a) and a first and second downlink packets (14b 15b), and also determines round trip times (t_A t_B) for the two exchanges; with the exchanges made using packet sizes such that at least either the first and second uplink packets (14a 15a) or the first and second downlink packets (14b 15b) differ in size from each other.